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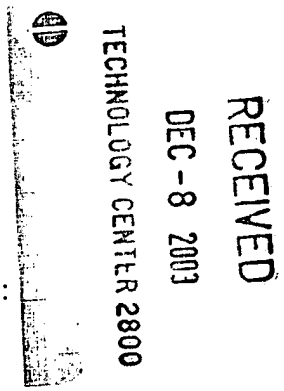
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Harold G. Craighead et al.

Title: MONOLITHIC NANOFLUID SIEVING STRUCTURES FOR DNA MANIPULATION

Docket No.: 1153.032US1
Filed: July 13, 2001
Examiner: Michael M. Trinh
Customer No.: 21186

Serial No.: 09/905027
Due Date: November 28, 2003
Group Art Unit: 2822
Confirmation No.: 2231



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We are transmitting herewith the following attached items (as indicated with an "X"):

X A return postcard.
X An Amendment and Response (13 Pages).

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
Customer Number 21186

By: _____
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 24th day of November, 2003.

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AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

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Applicant has reviewed the Office Action mailed on August 28, 2003. Please amend the above-identified patent application as follows.

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